

ABSTRACT

PROCESS FOR KEEPING AND/OR RESTORING COMMUNICATION LINKS IN A PLANED NETWORK WITH MOBILE COMPONENTS

Process and system for keeping and/or restoring communications within a network with planned resources, the said network comprising at least several stations S_i distributed in subgroups, each of the said subgroups comprising at least one or several groups $\{G_i\}$ each composed of at least two stations S_i connected together, the link between these two stations possibly changing with time.

Le process comprises the following steps,
within a sub-group:

- a) associate a dummy station FG_i to a group $\{G_i\}$, the dummy station comprising different resources RG_i , allocated to stations in the group $\{G_i\}$,
- b) starting from information about how the structure of the group $\{G_i\}$ changes:
- c) set up one or several relays R_i adapted to keep and/or restore communications between the different elements of the group $\{G_i\}$,
- d) reallocate resources of the dummy station FG_i to all relay stations R_i set up.

Figure 2